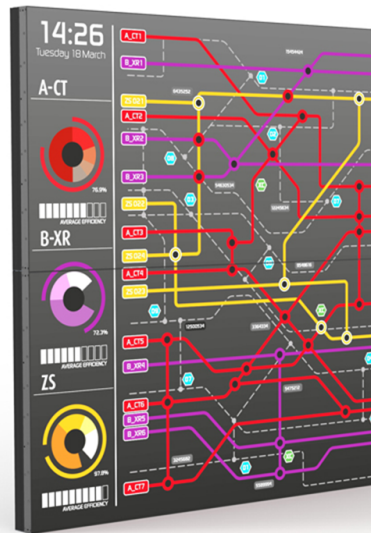


OverView OVD-4621

46" near-seamless LCD video wall for high-end applications



Barco's OverView OVD-4621 is a high-performance, high brightness (700 cd/m² typical) 46" LCD-panel, dedicated for use in tiled video wall applications. With a narrow bezel of 3.5 mm (0.14"), excellent colors and contrast, and a wide viewing angle, the OverView OVD-4621 takes the visual performance of LCD video walls in high-end control rooms to a new level. Boasting very high brightness levels, the OverView OVD-4621 remains clearly readable whatever the room's lighting conditions.

Its best in class temperature sensor controlled heat management system, uses ultra low noise fans to ensure optimal cooling at all time, maximizing the backlight's lifetime. Additional innovations and low power consumption ensure this panel delivers maximal image quality at a minimal TCO.

Saving costs with automatic color and brightness calibration

All the different screens in a tiled LCD video wall need to be perfectly balanced in terms of colors and brightness, so regular calibration is essential. As the first and only manufacturer, Barco now introduces its SenseX automatic color and brightness calibration system, that lets you calibrate the complete wall within minutes, without any external sensor or manual intervention.

External power supply without performance loss

As an option, you can choose an external power supply. This allows to greatly reduce the maintenance costs, as there is no need for an expensive specialized technician. Everybody with a screwdriver can maintain and replace the equipment. Unlike competing models there is no performance impact for longer cables, so the external power supply can be positioned up to 100 meter from the video wall without any loss in image quality or brightness.

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Visibly yours

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Integrated streaming, cropping and scaling capabilities

The OverView OVD-4621 features integrated processors that allow network streaming, cropping and scaling, without the need for an external controller or player. Just connect the screens to the network, configure the settings and let the content play. This is extremely useful in basic control rooms where the full operation (e.g. camera surveillance) can now be done without a player or controller.

Available as Instant VideoWall bundle

Barco also offers complete packages, containing four, six or eight OverView OVD-4621 displays to create a 2x2, 3x2 or 4x2 video wall respectively, complete with wall mounts and cables. Optionally, you can bundle it with a controller, and software. In this way, you have your completely configured video wall solution in one package.

Product specifications**OverView OVD-4621**

Panel	
LCD technology	SPVA
Resolution	Full HD (1920 x 1080)
Backlight	Direct LED
Aspect Ratio	16:9
Pixel density	48 dpi
Refresh rate	60 Hz
Luminance	700 cd/m ² (typ.)
Contrast	3500:1 (typ.)
Viewing angle	H 178° V 178°
White point	10,000 K
Color depth	10 bits
Calibration	SenseX automatic color and brightness calibration
Precision	Internal 10 bit processing
Backlight lifetime	60,000 h (typ)
MTBF	100,000 h (half brightness)
Cooling	Ultra low noise fans
Screen haze	40%
Dimensions	
Dimensions	1021.6 mm x 576.2 mm x 98.2 40.2" x 22.7" x 3.9"
Active screen diagonal	46" (1168 mm)
Active screen area	1018.1 mm x 572.7 mm 40.1" x 22.6"
Weight	22.8 kg
Bezel width	3.5 mm 0.14"
Connectivity	
DVI	2 inputs
Remote Control	External dongle with approx. 1m 3.5mm Stereo Male to IR Receiver
Display port	1 input/output
Ethernet port	2
HDCP	Yes
HDMI	1 input
Streaming video standards	Protocol: RTP/UDP multicast Video compression format: H.264 up to 1080p@60fps, HiP (High Profile) 4:2:0, Level 4.2
USB	1 input (USB 2.0)
OPS Open Pluggable Specification	Yes
Power	
AC input voltage	100-240 VAC, 50-60 Hz
Power consumption	220 W (max) TBD W (typ)
Heat dissipation	Integrated power supply: 751 BTU/h (max) TBD BTU/h (typ) External power supply: 717 BTU/h (max) TBD BTU/h (typ)
EnergyStar	Full wall EnergyStar